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Datasheet

HDAC1 monoclonal antibody, clone CL0510

Catalog Number: MAB15637

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant human HDAC1.

Clone Name: CL0510

Immunogen: Recombinant protein corresponding to human HDAC1.

Sequence:
RIACEEEFSDSEEEGEGGRKNSSNFKKAKRVKTEDEK
EKDPEEKKEVTEEEKTKEEKPEAKGVKE

Host: Mouse

Epitope: This antibody binds to an epitope located within the peptide sequence EGGRKNSSNFKKAKR as determined by overlapping synthetic peptides.

Reactivity: Human

Applications: IHC-P, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Isotype: IgG1

Recommend Usage: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000)
Western Blot (1:500-1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3065

Gene Symbol: HDAC1

Gene Alias: DKFZp686H12203, GON-10, HD1, RPD3, RPD3L1

Gene Summary: Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis. [provided by RefSeq]